

Title (en)

A PROCESS FOR THE PRODUCTION OF A GRANULE-SHAPED COMPOSITION COMPRISING AGRICULTURAL CHEMICAL COMPOUND

Publication

**EP 0255760 B1 19910612 (EN)**

Application

**EP 87305852 A 19870701**

Priority

JP 15410786 A 19860702

Abstract (en)

[origin: EP0255760A1] A granule-shaped composition containing an agricultural chemical compound and a high proportion of an anionic surface-active agent of selected types in an effective amount to enhance the useful biological activity of said agricultural chemical compound may readily be produced by a process wherein a concentrated aqueous solution or slurry containing said agricultural chemical compound and the anionic surface-active agent at selected ratios, as well as one or more optional additives such as a solid vehicle or water-soluble extender is atomized by means of a spray nozzle of specified outlet orifice diameter and is spray-dried in a spray-drying tower chamber according to a counter-current flow spray-drying method in a specially stipulated manner and under specially selected conditions of operation. The granule-shaped composition so produced has a substantially hollow space within each substantially spherical granule and shows high free-flowing property, favorable collapsibility or disintegrability into water, and favorable solubility or dispersibility in water.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

WO2009041900A1; US6159900A; EP0413267A1; AU2008305790B2; EP0476555A3; US5364832A; US5543385A; EP0378985A1; AU635514B2; US5872078A; US6121199A; US6121200A; US6063733A; US5703015A; US5683958A; US6365551B1; US6475954B2; US6228807B1; WO0064552A1; WO9007275A1; WO2013061157A1; US8347525B2

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